

Title (en)

Fuel injector and support plate

Title (de)

Kraftstoffeinspritzdüse und Trägerplatte

Title (fr)

Injecteur de carburant et plaque de support

Publication

EP 2520864 A3 20171018 (EN)

Application

EP 12166061 A 20120427

Priority

US 201113099853 A 20110503

Abstract (en)

[origin: EP2520864A2] An integrated plate (214) is provided for use with a combustor including a casing (210), a fuel plenum (234) extending circumferentially about the casing, and a fuel nozzle extending axially through the casing. The integrated plate includes a plurality of fuel injection pegs (236) that extend radially between the fuel plenum and the fuel nozzle.

IPC 8 full level

F23R 3/28 (2006.01); **F23R 3/34** (2006.01); **F23R 3/46** (2006.01)

CPC (source: EP US)

F23R 3/283 (2013.01 - EP US); **F23R 3/286** (2013.01 - EP US); **F23R 3/34** (2013.01 - EP US); **F23R 3/46** (2013.01 - EP US); **F23R 2900/00014** (2013.01 - EP US); **F23R 2900/00017** (2013.01 - EP US); **Y10T 29/49229** (2015.01 - US)

Citation (search report)

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- [Y] EP 0616170 A1 19940921 - HITACHI LTD [JP]
- [Y] US 2009188255 A1 20090730 - GREEN ANDREW [US], et al
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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2520864 A2 20121107; **EP 2520864 A3 20171018**; **EP 2520864 B1 20201202**; CN 102777931 A 20121114; CN 102777931 B 20160427; US 2012279223 A1 20121108; US 8733106 B2 20140527

DOCDB simple family (application)

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